MISSOURI BOTANICAL GARDEN

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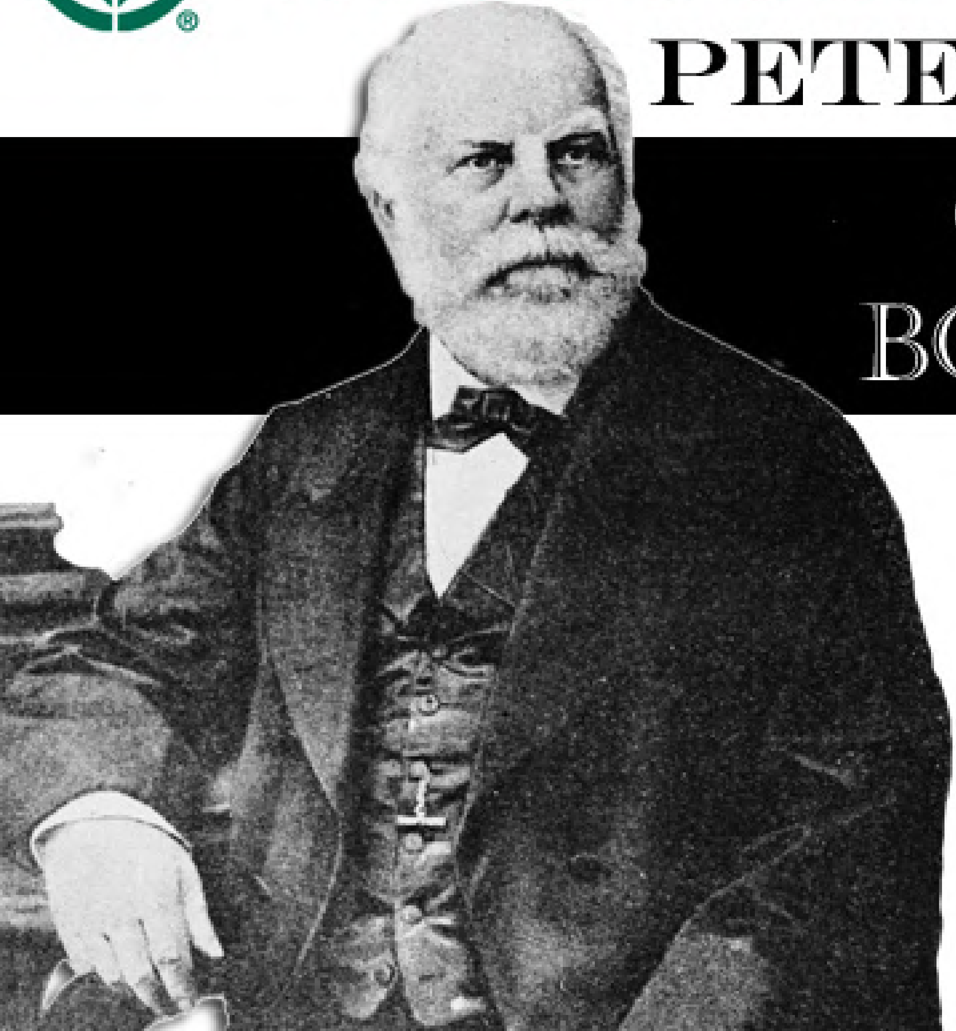
GEORGE ENGELMANN BOTANICAL NOTEBOOKS



Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Hb. Martius Munch Aug 1869

355 G. A. Lindberg ; Minas Geraës in arboribus et fruticibus ad fluvium Rio de Machado – Sept. 1854 — Joints in one specimen long and slenderly stipitate, in another stouter and more clavate

366. G. A. Lindberg, Minas Geraës in silvis primor. Sept 1854 is a form allied to Rh. Cassytha, but distinct, which I have often seen from Brazil – it seems somewhat 5 angled (or shriveled?

2310

Rh. Cassytha, Gaertn. Cuba Wright 206
H. Maurit. II. 259 Sieber
H. Maurit II 262 "
Peru & Chili, Ruiz leg., ex Hb Lambert
Orizaba, Fred. Müller (com. H. Schlumberger No. 1066 –

this last specimen bears the woolly tufts seen before once or twice

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2310A

1120-2

		s. d.	s. d.
	Ground colour white, with transverse ribbons of an intense deep red colour	„ 10	1 3
37.	**Camellia bicolore de la Reine** (Flore, XIV, 17) = ***Belladonna***. Ground colour white, shaded with pink and netted with deep rose; the petals edged with pure white	„ 10	1 3
38.	**Camellia de la Reine** (*C.-J. Varenbergh*) (Flore, II, 167). Petals broad and well rounded, white, spotted with lake, flowers thin in the centre, but magnificent when only half expanded	„ 10	1 3
40.	**Camilla Galli**. Very large double flower, imbricated, one half of the flower sometimes white and the other half red	„ 10	„ „
43.	**Candidissima**. Pure white, imbricated petals	„ 10	1 3
44.	**Candor** (*Rev. Herbert*) (Flore, V, 501). Finely imbricated, petals extremely thin and delicate, of the purest white, one petal only of the whole flower reflecting a light rosy tint	„ 10	„ „
384.	**Capellano Giovanni**. Very large flower, dark red	„ 10	1 8
302.	**Cardinale Antonelli**. Very large bright rose flower, superbly imbricated, especially when the plant is robust	„ 10	1 8
527.	**Carlotta Papudoff** (Flore, XIX, 71). Imbricated, tri-coloured, white and rose petals placed over each other; sometimes they are pure white, bordered with bright rose all around, intermixed with other petals of a soft bright rose	1 8	3 3
52.	**Caryophylloides** (*Hugh Low and C°*). White, striped and flaked with rosy carmine, perfectly imbricated	„ 10	1 3
54.	**Catherine Longhi**. Deep carmine, of perfect form	„ 10	1 3
373.	**Centifolia rosea**. Flower rose, well imbricated	„ 10	1 3
474.	**Chandleri elegans**. Large pæoniformed flower, of a fine red	„ 10	1 8
499.	**Colletti**. Medium-sized flower, red maculated with red	1 3	2 6
56.	**Commen**		

N. B. **The prices in the first column (left hand) apply to old grafts about one foot high or of an equal strength; the prices as fixed in the right hand column are for bushy plants, the greater part of which are with buds. — The Camellias furnished are healthy and well-rooted; they are frequently stronger than indicated, and can be sent at any time, except during the months from March to July,** *their grown season.*

		s.	d.	s.	d.
3.	**Alba Casoretti.** Broad imbricated petals, pure white, superb	1	3	„	„
521.	**Alba compacta.** Flower medium-sized, well imbricated, pure white . . .	1	3	2	6
421.	**Alba elegantissima.** Flower medium-sized, fine white, a very floriferous variety	1	3	„	„
5.	**Alba plena**. Flower large, very well imbricated, pure white	„	10	1	3
6.	**Alexina** (*Low*) (FLORE, II, june, pl. 5). White, minutely sprinkled and flaked with carmine. Fine foliage, good budder	„	10	1	3
8.	**Andrea Doria = *Faragiana* = *Conestabile*.** Flower of medium size, of a deep red, striped with white, finely imbricated. A variety, under this name and bearing rose flowers, circulates in the trade	„	10	1	3
515.	**Angela Cocchi** (FLORE, XIV, 169). White, maculated and striped sometimes with clear red, sometimes with dark red and blood red	1	3	2	6
11.	**Antonietta Lomellini.** Flowers bicoloured and in form similar to a Ranunculus, finely imbricated rose-coloured petals almost entirely covered with white flakes, which appear as if formed of bird feathers	1	3	„	„
811.	**Apucæformis.** Very singular by its abnormal foliage; we do not know anything about its flowers	4	„	8	„
15.	**Archiduchesse Marie** (*Van Houtte*) (FLORE, VIII, 277). Very double with fine ranunculi formed petals of a bright red, banded with white and beautif [illegible]		10	1	3

Hb Kew Sept 15 1869

Rhipsalis Cassytha Orientalis

Ceylon, Mrs Genl Walker see figure on same sheet as Diorodes latus

Mauritius, Carmichael

Dr Philip. B. Ayres
2 Oct 1848

Zambesi Expedition, Horace Waller.
Parasitic on trees. 11/63

Natal W. T. Gerrard

Niger Expedition, Baxter 2034

Fernando Po, Mann, 1862.

2311

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Hb. Kew Sept 1869

Rhipsalis Cassytha   ex arboribus pendula

Venezuela, Fendler, 1854.5. No 1128 stems compressed in Herb. Hook ?

2312

Cuba R. de la Sagra 189.

Panama   Sutton Hayes; hanging down
4–6 feet in length; largest stems nearly
one inch in Diameter. Febr. 15 1861

Demerara, Mr Parker

Pará, R. Spruce Dec. 1849   terete, robust

1470 Vera Cruz to Orizaba Fred. Müller.
specimen with the singular hair excrescences

N. Granada J. F. Holton 729

Surinam, Hostmann 393

Rio Grande, Tweedie; verticillate branches, slender

Rio Janeiro Burchell, 3081.
ex ramis pendula, ramosissima,
verticillata; teres, brown pellucid

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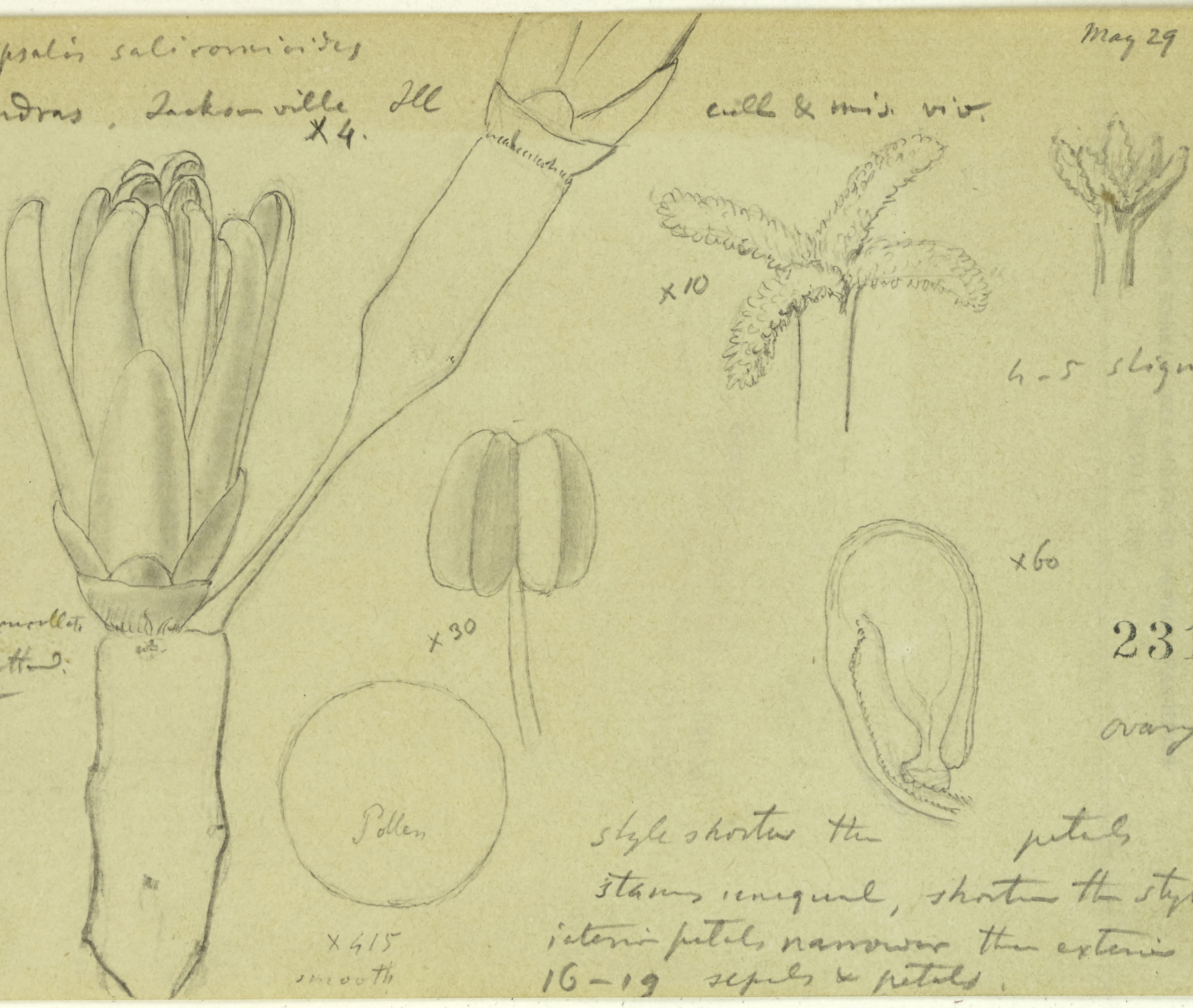
Rhipsalis salicornioides

J. C. Andrus, Jacksonville Ill

May 29 1863

cult. & mis. viv.



4-5 stigm.

8-9
8 sepals
8-10
8 petals
linear-cucullate
ovary flattened:
naked

2313

ovary naked

style shorter than petals
stamens unequal, shorter than style.
interior petals narrower than exterior ones
16-19 sepals & petals.

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M. W. ALEXANDER,
SOUTH-EAST CORNER OF FOURTH AND MARKET STREETS,
ST. LOUIS.

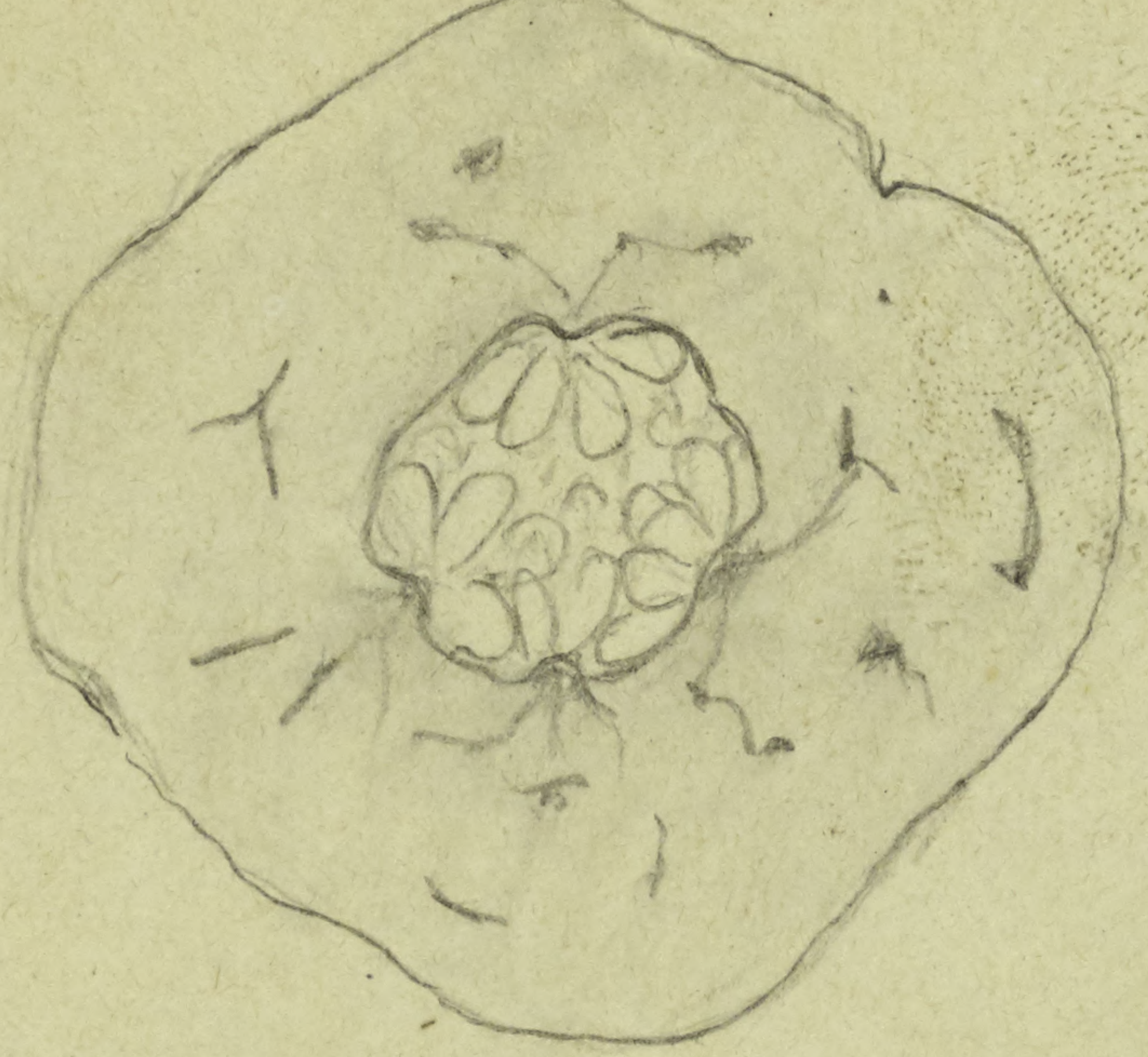
Rhipsalis salicornioides

May 29 1862

2314

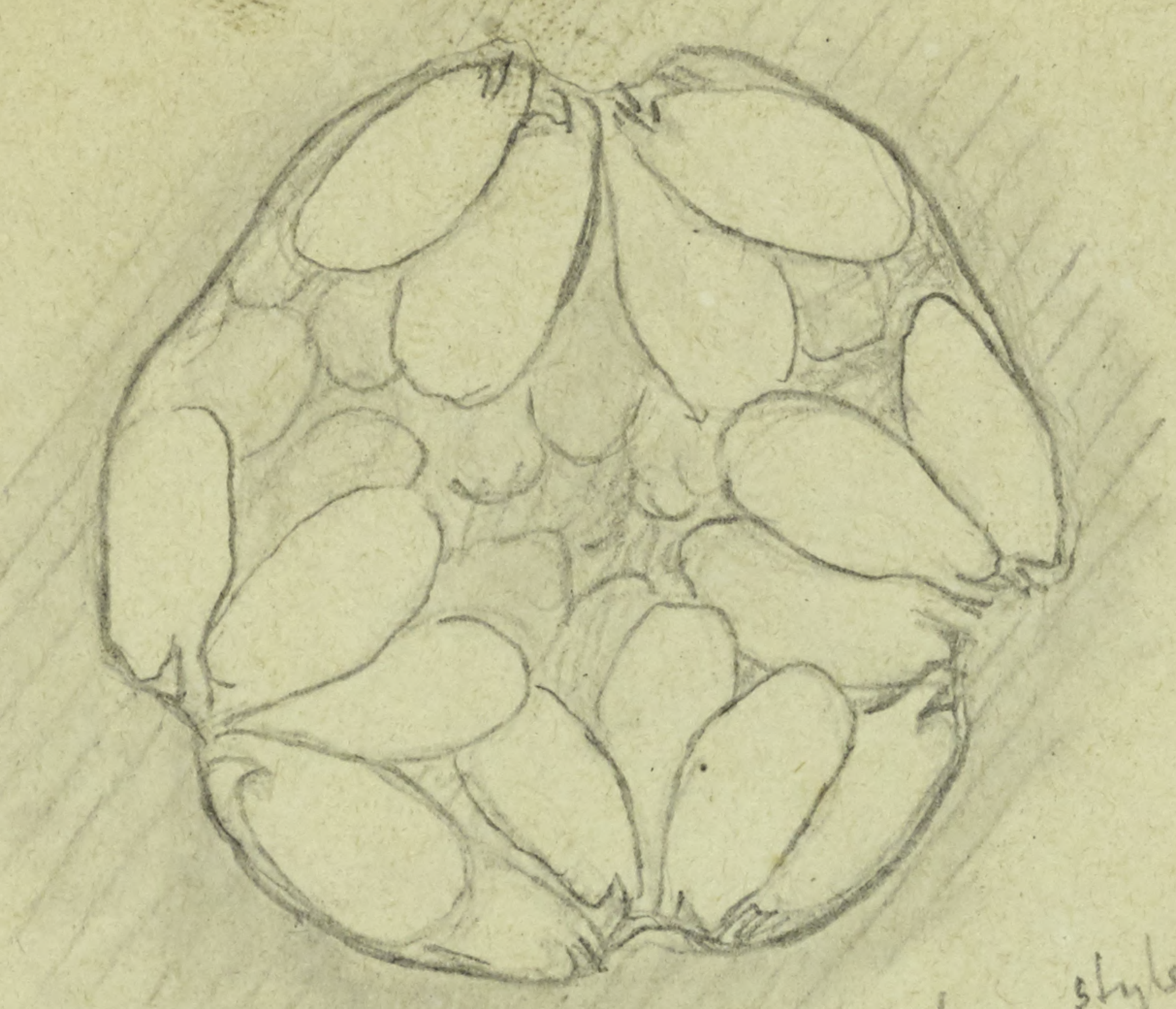
Sect. of ovary

×10

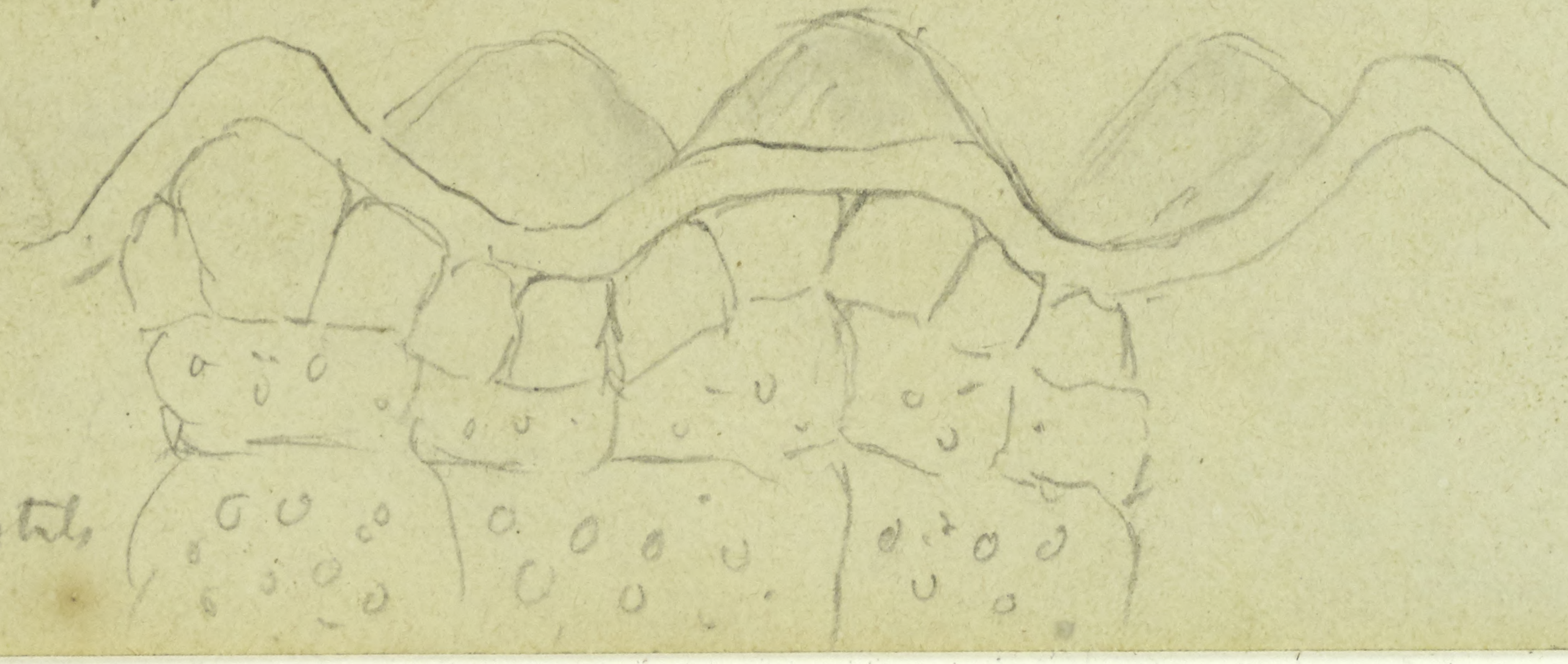


Sect. of ovarian cavity

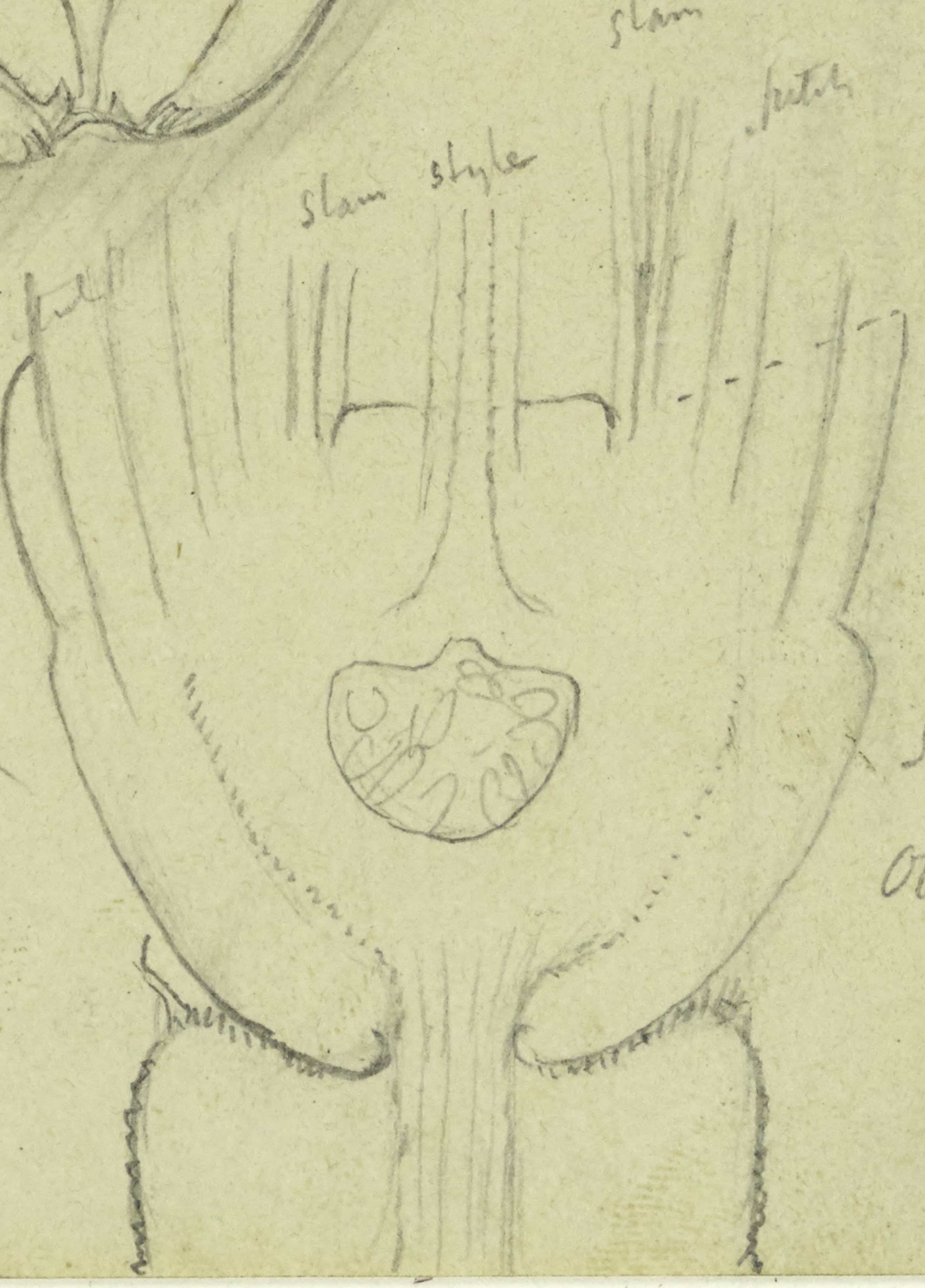
×30



Cross sect. of joint – tabulate epidermis ×280



no crystals


stam
petal
stam style
petal
disc nectarifer

×10

Sect. of ovary

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M. W. ALEXANDER,
SOUTH-EAST CORNER OF FOURTH AND MARKET STREETS,
ST. LOUIS.

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2313A
1123-7

Ah. Salicornioides

Meteoriten von Shalka, Futtehpore, Pegu, Assam, und Segowlee in dem K. K. Hof. Min.-Cab. von W. Haidinger,—Der Meteorit von Shalka in Bancoorah u. der Piddingtonit, von W. Haidinger, *from the Author;* Jour. Frank. Inst., Dec. 1860, *from the Institute;* Canadian Journal, Nov. 1860, *from the Canadian Inst;* Proc. Acad. Nat. Sci. Philad., Nov. 1860, *from the Academy;* Jour. of Education, Nos. 10 & 11, Montreal, 1860, *from Capt. Huguet-Latour.*

Dr. E. R. Morerod, of Silver Top, Tenn., was elected a Corresponding Member.

January 7, 1861.

Vice-President ENGELMANN in the chair.

1-10

Thirteen members present.

Letters were read from I. A. Lapham, Milwaukie, Wis., Dec. 17, 1860, acknowledging receipt of Transactions; Smithson. Inst. Washington, D. C., Dec. 3, 1860, transmitting publications; E. R. Morerod, M.D., Silver Top, Tenn., acknowledging receipt of notice of his election as a Corresponding Member.

The following letter was read from Lieut. G. K. Warren, dated West Point, Dec. 19, 1860:

NATHANIEL HOLMES, A.M.,
Cor. Sec. Acad. Science St. Louis.

Dear Sir: In looking carefully over the table given by Dr. Engelmann, p. 666, Vol. I., No. 4, calculated from Nicollet's data, I see one rather important error, and that is in taking the low water elevation of the Mississippi at New Orleans at 10 feet above the Gulf. *This is the level of the pavement in front of the Cathedral.* A note in Mr. Nicollet's table, taken from Albert Stein, gives this low water elevation 5-10ths of a foot, and consequently a slope of only about 5-1000ths of a foot thence to the mouth; and not 9-10ths, as in Dr. Engelmann's table. This very slight fall in so long a distance could scarcely be credited were it not a well established fact. Respectfully, your ob't serv't,

G. K. WARREN, Lieut. Top. Eng'rs.

The following publications were received:

Beobacht. u. Betracht. über *Scotophis Lindheimeri*, *S. Alleghaniensis* und andere Schlangen von Dr. Benno Matthes, Dresden, *from the Author;* Smithsonian Report for 1859, *from the Smithson. Inst.;* Catalogue of Lepidoptera of North America, prepared for the Smithson. Instit. by John G. Morris, Washington, 1860,—Catalogue of Diptera of North America, prepared for Smithson. Inst. by R. Osten-Sacken, Washington, 1860,—Catalogue of Publications of Societies (Foreign Works) in the Library of the Smithson. Inst. Washington, 1859,—Instructions in reference to Nests and Eggs of North American Birds,—Directions for Collecting and Preserving Specimens in Natural History, *from the Smithson. Inst.;* Acad. Roy. Sci. à Amsterdam, Verslagen en Med. Afd. Naturk. Dl. X. Letterk. Dl. V., 1860,—Catalogus Dl. I. St. 2,—Jaarboek, 1859, *from the Royal Academy;* Erster Bericht des Offenbacher Vereins für Naturk. 1860, *from the Society;* Ergebnisse Meteorol. Beob.—Sternschuppen und Feuerkugeln von Dr. Rudolph Wolf—Jahresbericht über die Konigliche Blinden-Anstalt zu Dresden, 1859,—Nachrichten von dem Taubstummen-Inst. zu

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gesch. von Brückner, *from C. Witter;* Med. Statistics of U. S. Army during the years 1855–59, *from Dr. Leigh.* Dr. Engelmann laid on the table a Latin translation of his monograph on *Cuscuta* (Trans. Acad. Sci. St. Louis, Vol. I., p. 453,) *presented* by the translator, Dr. Acherson, of Berlin.

Mr. Holmes presented, in the name of Mr. Bandelier, several slabs of coal shale with fossil plants from Illinois.

Prof. Holtzman, of Heidelberg, Germ., was elected a Corresponding Member.

December 3, 1860.

The President, Dr. Prout, in the chair.

Nine members present.

Letters were read from Wm. W. Jeffries, dated West Chester, Penn., proposing exchange of minerals, and from Prof. E. W. Hilgard, State Geologist, Oxford, Miss., acknowledging his election as a Corresponding Member.

Additions to the library were received as follows:

Observations upon the Geology and Palæontology of Burlington, Iowa, and its vicinity, by Chas. A. White, 1860, *from the Author;* Report on the Economical Geology of the Route of the Ashtabula and New Lisbon Railroad,—Catalogue of Flowering Plants and Ferns of Ohio, by J. S. Newberry, M.D., *from the Author;* Amer. Jour. Sci. & Arts, Nov. 1860, *purchased.*

Dr. Prout presented, in the name of S. S. Lyon, Esq., a collection of Devonian and Upper Silurian fossils from the Falls of the Ohio and vicinity.

December 18, 1860.

The President, Dr. Prout, in the chair.

Seven members present.

Letters were read from L'Acad. Roy. des Sciences de Lisbonne, Mai, 1860, transmitting publications; and from Prof. Wm. Haidinger, dated Vienna, Aug. 1, 1860.

Donations to the library were received from the following Societies:

Bull. Soc. Imp. zool. d'Acclim. Paris, Oct. 1860,—Proc. Acad. Nat. Sci. Phil., Oct. 1860,—Mem. Acad. Real Sci. Lisboa, Classe Math. Phys. e Nat., 2d Ser., T. I., Pt. 1, 1843,—Nov. Ser., T. I. p. 1–2, T. II. p. 1, 1854–7, *from the Royal Academy;* Neuere Nachrichten über Meteoriten, namentlich die von Bokkeveld, New Concord, Trenzano; die Meteoreisen von Nebraska, Brazos, Oregon, von W. Haidinger, July, 1860,—Neuere Untersuchungen über die Bestandtheile des Meteorsteines von Copland, schreiben von R. Wöhler an W. Haidinger, July, 1860,—Die Calcutta

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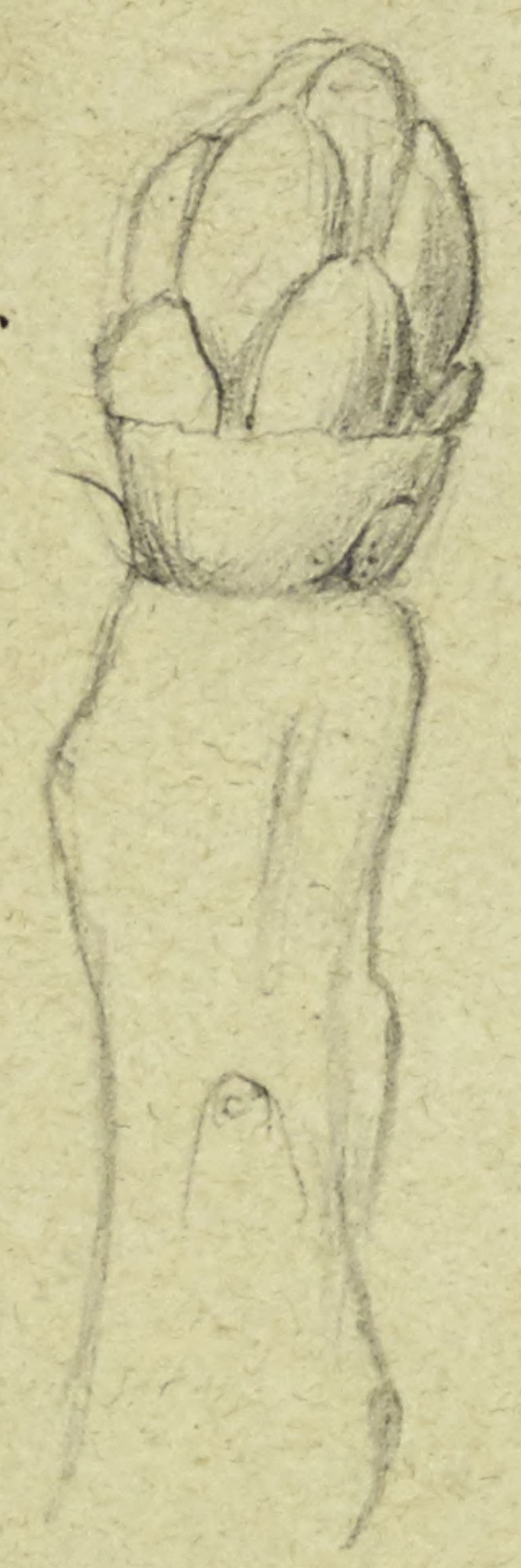
Rhipsalis stricta

Hort Pfersdorff, Paris Apr 2d
(Sunday 4 April)
1869

(a strict form of Rh. salicornioides?)

not yet in flower.

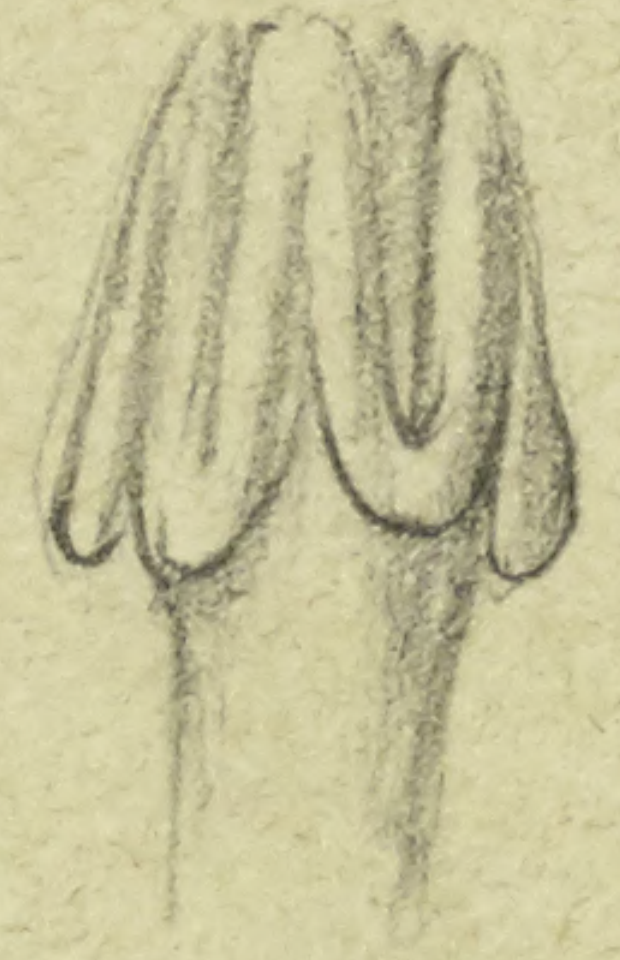


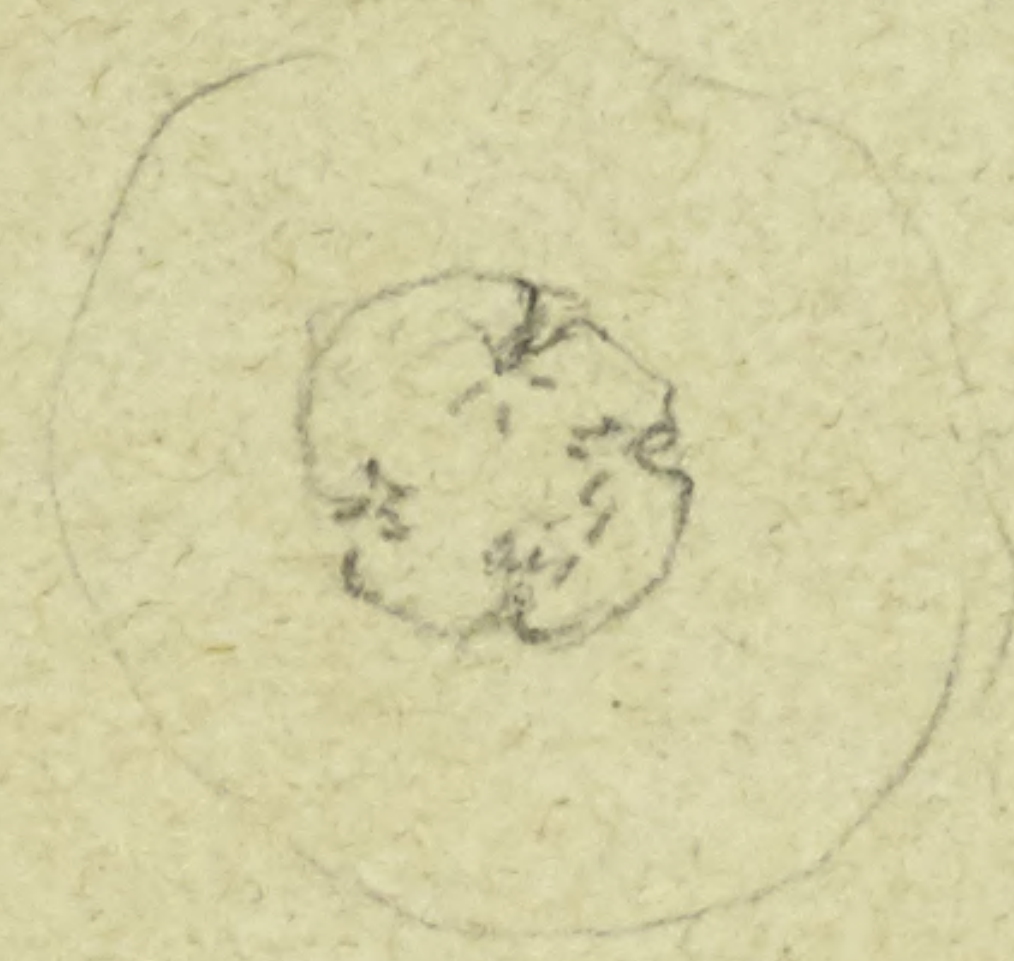
ovary without scales, 2 bristly scales at its base

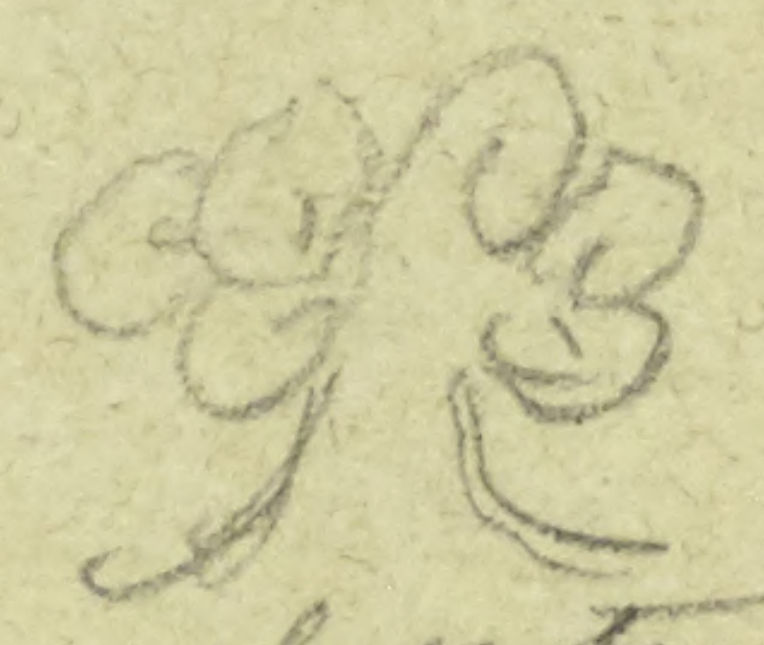
about 8 exterior sepaloid fleshy, at the apex reddish scaly and same number of inner thinner entirely yellowish petaloid segments, all obtuse, concave

4 short erect capitate stigmata (in bud at least!)

4 lateral placentae and extremely small ovules as yet not at all filling the cavity of ovary







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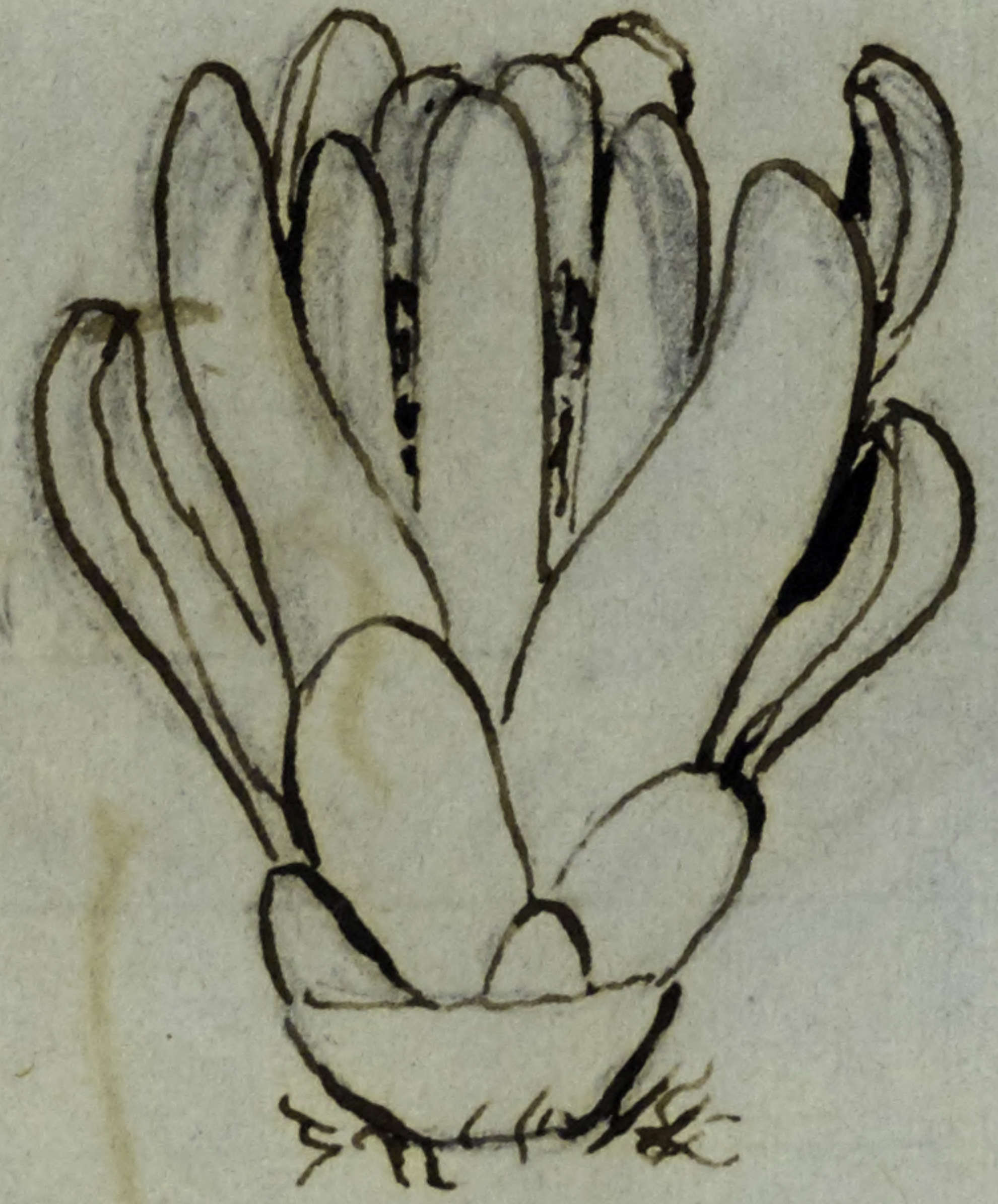
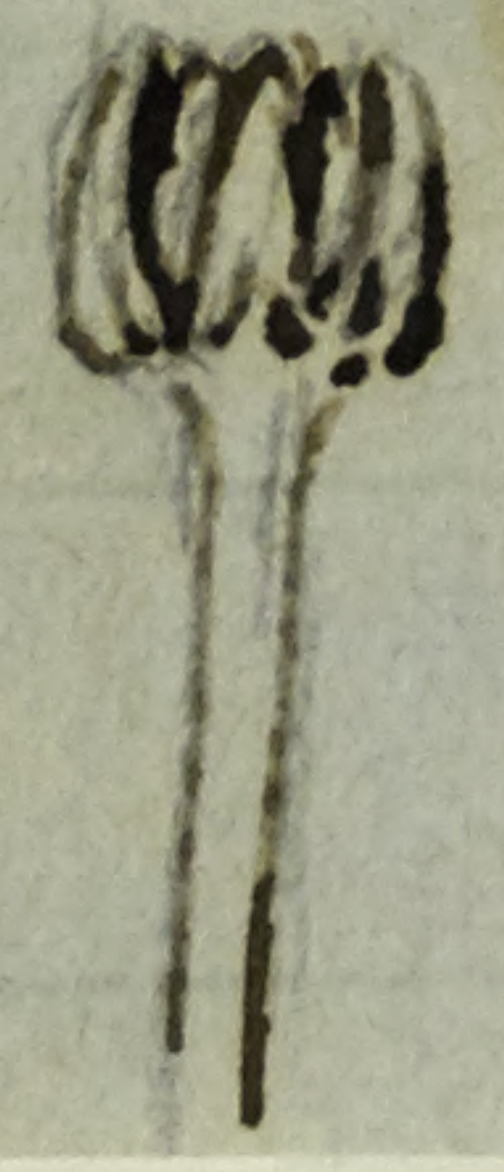


Goebel's Garden St Louis Febr. 1856

2316

Rhipsalis salicornioides about 18 sepals & petals, deep yellow stigmata 5 short, erect, 1/2 l. long petals oblong linear, obtuse, concave, Ovary subcuneiform, very short, naked fl. about 5-6 l. long, Stamens in few series interior shorter, style a little longer much shorter than petals. — Surface of plant tuberculate, rough upper end of each joint woolly #



with few bristle like very small, flattish spines

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cendentes { Filipendulae
Setispinae

{ Macracanthae

2. Grandes { Prostratae
Erectae

1 Stenopetaleae

7 Clavatae

8 Cylindraceae { Cristatae
teretiores

Cylindricae {

Hb Kew Sept 1869

Rhipsalis salicornioides

Burchell, 13. 11. 25 Rio Janeiro

" fruticosa, ~~erecta~~, 1–1½ pedalis
bacca (Visci) albida. In saxo."

No fruit seen in Herb.

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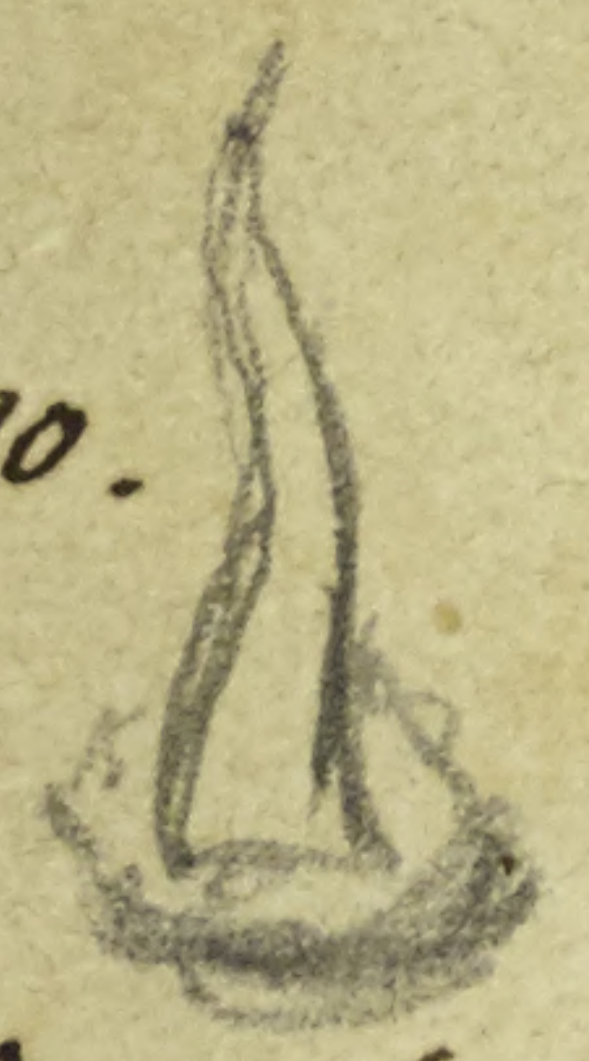
Cactaceae Herb. Mus Palat Vindob. Jul. 1869

2318

"Rhipsalis spiralis" Rio Janeiro, Gaudichaud leg No. 913

is the slender cassytalike plant with numerous areolae bearing sometimes a single foliaceous spine and very small flowers



868 Rhipsalis, Cassa major Mexico Dr Wawra in fruit seems about the same, but spines less distinct, (stems and branches more slender

1720 Rhipsalis funalis β. gracilior Miq. A. Kappler Pl. Surinam
ad. Hohenacker 1846 — ad truncos arborum —
Distr. Para. Nov. 1844 —
This is the same as above named Rh. spiralis by Gendth

5814 Cactus clavulatus Schott. Serra d'Estrella, Schott.
is Rh. salicornioides with slender joints, slender
peduncular part 2-3 times as long as thick one
(some unripe fruit

Hb Mus Vindob. Jul 1869

2319

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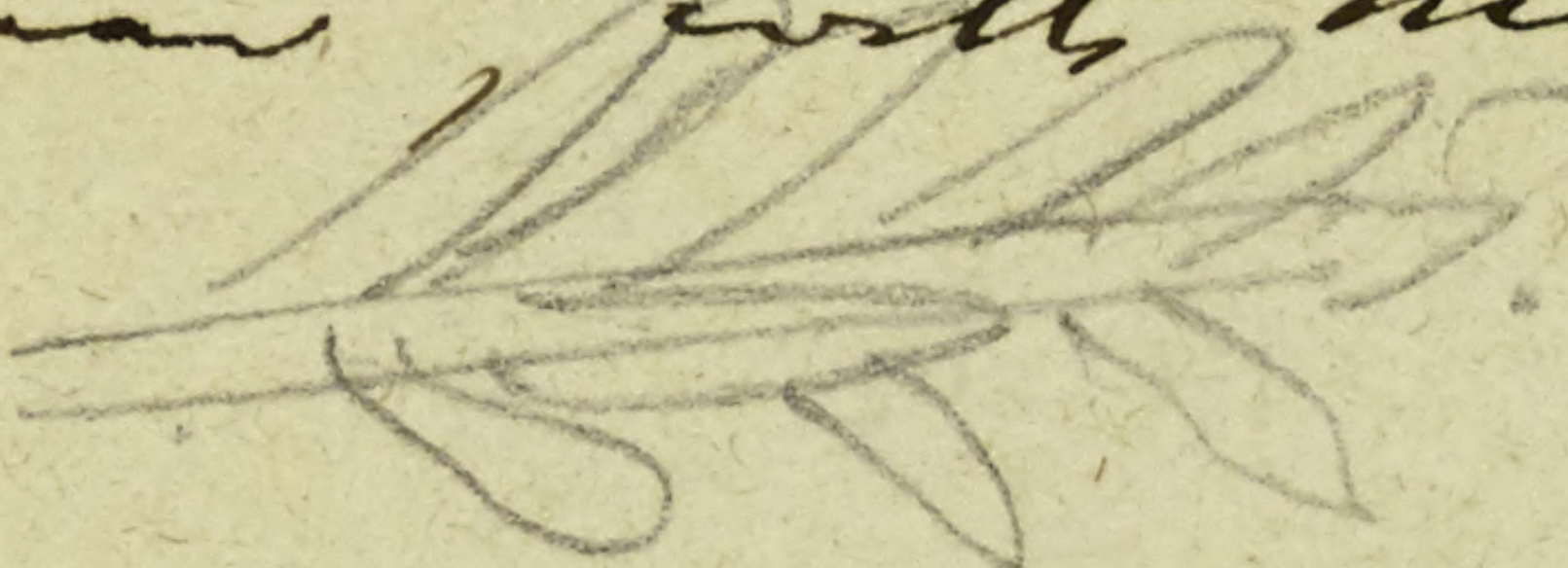
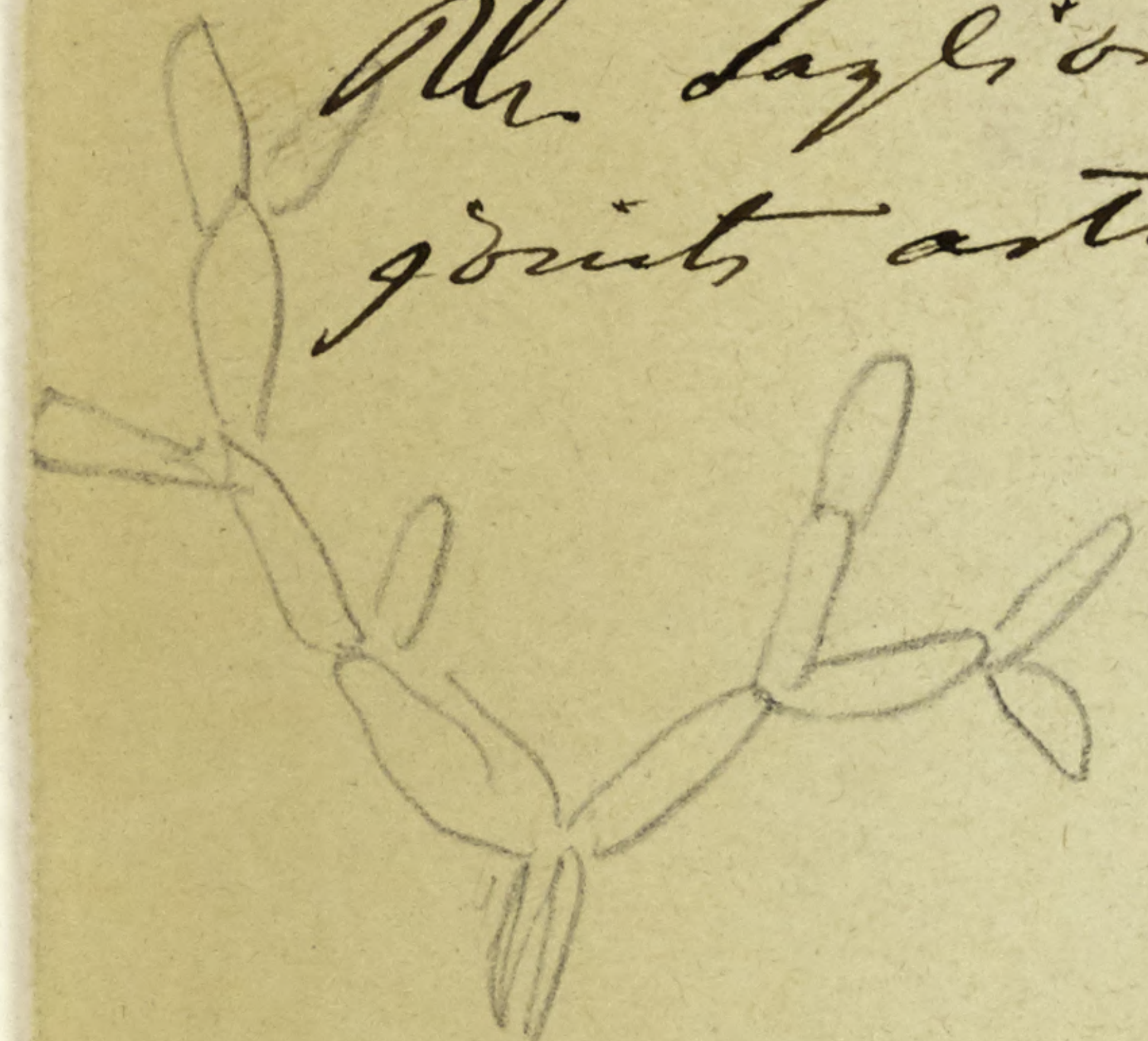
Herb Hort Bot Reg July 12 1869

Rhipsalis Rio Janeiro Lhotsky
the slenderest one

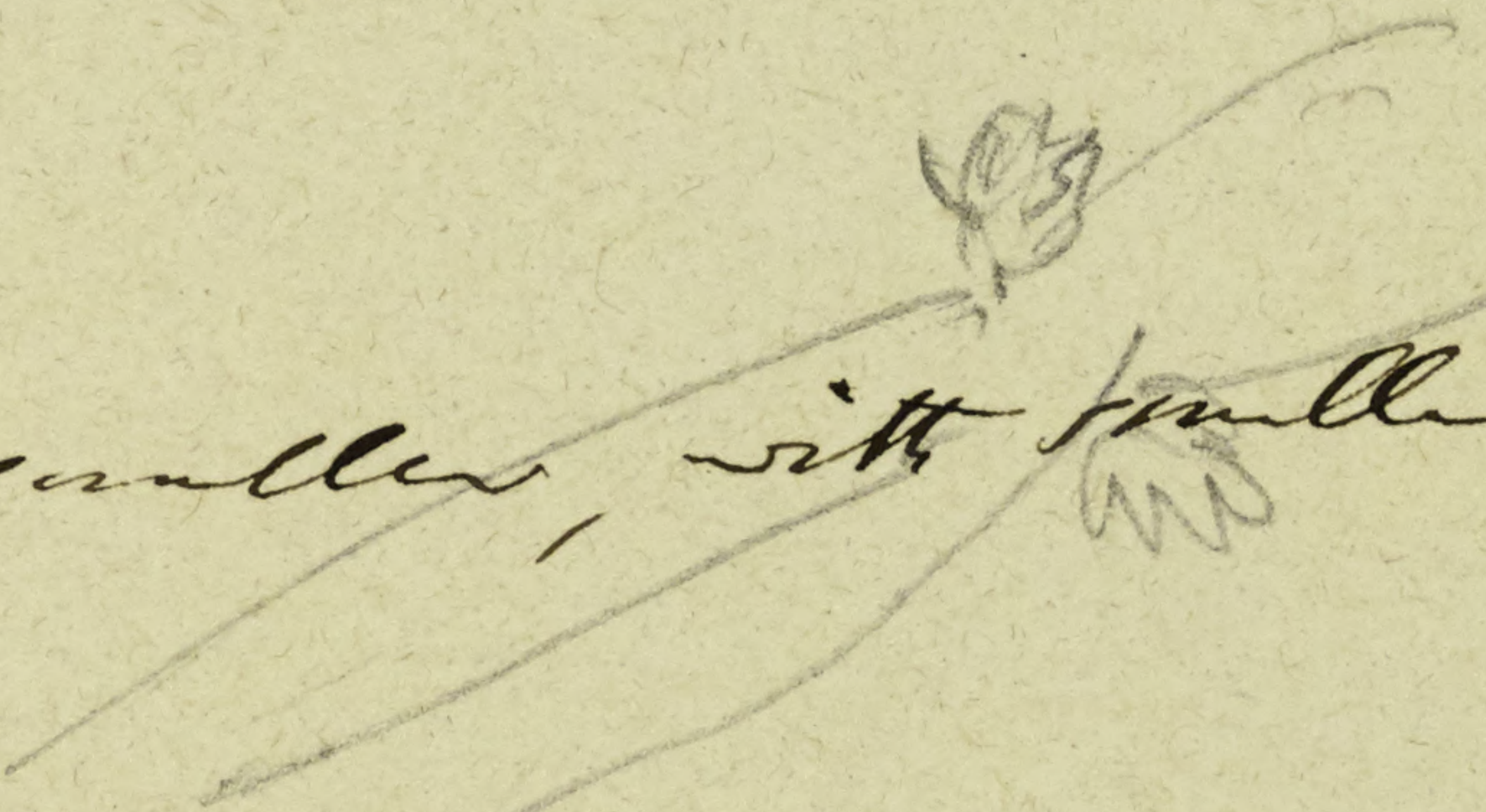
Rh. mesembryanthemoides with numerous aerial roots, with many short joints along the axis giving the plant really the shape of a mesembryanthemum; joints 6 lines long oblong linear, with many spinif. areolae



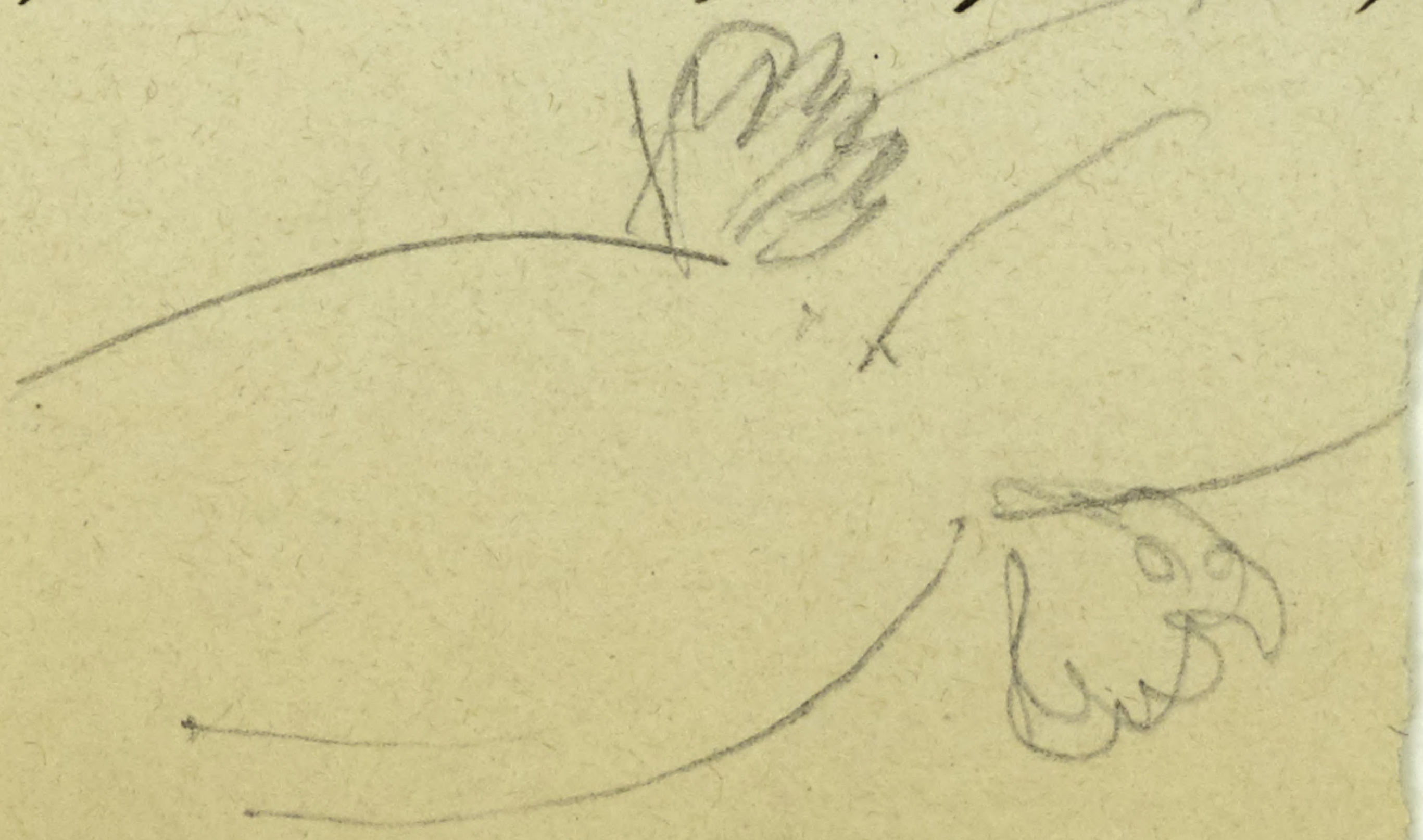


Rh. Saglionis without aerial roots joints articulated, dichotomous

2320



Rh. pentaptera smaller, with smaller flowers

Rh. paradoxa, with much larger flowers